**Steel Wool and Vinegar:**

1. Take the temperature of the beaker of vinegar and record the information.

2. Soak a small piece of steel wool in the beaker of vinegar.

3. Squeeze out the excess vinegar from the steel wool.

4. Use a thermometer to push the steel wool into the bottom of a clean test tube so that the steel wool surrounds the bulb of the thermometer.

5. Set the test tube with the steel wool and thermometer into the test tube rack.

6. Check and record the temperature immediately and again once every minute for at least 5 minutes.

**Ammonium Chloride and Water:**

1. Take the temperature of the beaker of water and record the information.

2. Pour about one inch of water into a clean test tube.

3. Put about ¼ teaspoon of Ammonium Chloride into the same test tube.

4. Gently stir the mixture of water and ammonium chloride with a thermometer.

5. Set the test tube with the thermometer into the test tube rack.

6. Check and record the temperature immediately and again once every minute for at least 5 minutes.

**Yeast and Hydrogen peroxide:**

1. Take the temperature of the beaker of hydrogen peroxide and record the information.

2. Pour about one inch of hydrogen peroxide into a clean test tube.

3. Put about ¼ teaspoon of yeast into the same test tube.

4. Gently stir the mixture of water and yeast with a thermometer.

5. Set the test tube with the thermometer into the test tube rack.

6. Check and record the temperature immediately and again once every minute for at least 5 minutes.